

DT03 Rec'd PCTO 26 NOV 2004

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PATENT

Attorney Docket No. 0626-0015.03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: )  
William M. Goldberger, et al. )  
Serial No.: 10/506,764 )  
Filed: September 21, 2004 )  
Examiner: )  
Art Unit: )  
For: Process and Apparatus For The )  
Direct Reduction of Iron )  
Oxides In An Electrothermal )  
Fluidized Bed and Resultant )  
Product )

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
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DATE: November 23, 2004

NAME: Kristine Callahan

SIGNATURE: *Kristine Callahan*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §1.97, as revised on February 4, 1992, 1135 OG 23-24, Applicants hereby call the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application.

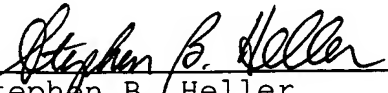
No inference should be drawn that any apparatus disclosed is equivalent to the subject invention. Also, the citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in

the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicants also respectfully reserve the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the present patent application.

This Information Disclosure Statement is being filed within three months from the filing date. Accordingly, it is believed that no fee under 37 CFR 1.97(c) is required. If it is determined that a fee is required for this Information Disclosure Statement, please charge our Deposit Account No. 50/1039.

Respectfully submitted,

  
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/506,764
Filing Date	September 21, 2004
First Named Inventor	William M. Goldberger
Art Unit	
Examiner Name	
Attorney Docket Number	0626-0015.03

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 2,477,454	7/26/1949	T.D. Heath	
	2	US- 3,224,869	12/21/1965	P.C. Keith et al.	
	3	US- 3,448,234	6/3/1969	Goldberger et al.	
	4	US- 3,684,446	8/15/1972	R.F. Markel	
	5	US- 4,158,695	6/19/1979	Ishizuka et al.	
	6	US- 4,160,813	7/10/1979	Markel et al.	
	7	US- 4,288,407	9/8/1981	Markel et al.	
	8	US- 4,435,444	3/6/1984	Goldberger et al.	
	9	US- 4,543,240	9/24/1985	Goldberger	
	10	US- 4,547,430	10/15/1985	Goldberger et al.	
	11	US- 5,082,251	1/21/1992	Whipp	
	12	US- 5,730,775	3/24/1998	Meissner et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/506,764		
		Filing Date	September 21, 2004		
		First Named Inventor	William M. Goldberger		
		Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	0626-0015.03

OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	13	The Midrex FASTMET(SM) Process, A Simple, Economical Ironmaking Option; JAMES A. LEPINSKI, Manager FASTMET Development, FRANK N. GRISCOM, V.P. Marketing; Reprinted from Direct From Midrex, 4th Quarter 1990 & 4th Quarter 1992	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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